

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

CISCO SYSTEMS INC. and
ACACIA COMMUNICATIONS, INC.,

Plaintiffs,

v.

RAMOT AT TEL AVIV UNIVERSITY
LTD.,

Defendant.

C.A. No. 21-1365-GBW

CISCO SYSTEMS INC. and
ACACIA COMMUNICATIONS, INC.,

Plaintiffs,

v.

RAMOT AT TEL AVIV UNIVERSITY
LTD.,

Defendant.

C.A. No. 22-674-GBW (consolidated)

ORDER

At Wilmington this 12th day of November, 2024:

Consistent with the Memorandum Opinion issued this date, **IT IS HEREBY ORDERED** that the Court construes the below claim terms of U.S. Patent Nos. 11,133,872 (the “872 patent”) and 11,342,998 (the “998 patent”) as follows:

Claim Term	Court's Construction
Agreed-Upon Terms	
“modulator” ’998 Patent: claims 1, 4, 6, 49, 50, 58, 61 ’872 Patent: claims 1, 2, 3, 6, 7, 10, 11, 12, 13, 15, 16, 18, 20, 21, 23, 25, 26, 27	any device which outputs an optical signal with controlled variation of intensity
“mapping/map/mapped/converting” verbs ’998 Patent: claims 1, 13, 14, 45, 46, 47, 49, 58, 63 ’872 Patent: claims 1, 11, 13, 15, 23, 27	selecting or generating a digital output from a set of possible digital outputs for a given digital input from a set of possible digital inputs, wherein decimal values of the set of possible digital outputs and decimal values of the set of possible digital inputs are not identical
Disputed Terms	
“wherein a digital-to-digital mapping maps ...” ’998 Patent: claims 1, 4, 6-15, 58, 61-63	not indefinite; digital-to-digital mapping is a structure that maps a plurality of N digital input data bits to M digital output data bits
“wherein the N bits of the N bit digital input data word are mapped ...” ’998 Patent: claims 45-47, 49-54	indefinite
“digital output . . .”/“output bits . . .” ’872 Patent: claims 1, 11, 13, 15, 23 ’998 Patent: claims 1, 45, 58	No construction necessary

GREGORY B. WILLIAMS
UNITED STATES DISTRICT JUDGE